

Homework guide

NATS101 section 32, Fall 2007

Go to the class website

NATS101 section 32

file:///localhost/Users/koichi/Documents/NATS101/nats101s32/index.html

Google

NATS101: Introduction to Weather and Climate

Home - section 32 MWF 9:00am - 9:50am at Biological Sciences West room 301

Teaching Staff

Lecturer: Prof. Xubin Zeng
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office: PAS 562
office hours: WR 2:00 pm-2:50 pm

Teaching Assistant : Koichi Sakaguchi
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office: PAS 526 & PAS 560
office hours: MF 11:00 am-12:00 pm at PAS 560

Announcement

- A "user number" will be assigned to every student during the class, on Friday, August 24. You need to get (and keep) your number to see your grade on the website in future. If you did not come to the class on August 24, come to the class TA(Koichi) on Monday or at his office hours.
- The **first homework** is assigned on Friday, August 24 and available from the Homework page. It is due at the class time on **August 31, Friday**.
- The **midterm** exam is scheduled for **October 10 (Wed) and October 12 (Fri) 2007 (2 days)** during the regular class hours. It consists of two parts, and you need to take **BOTH**.
- The **final** exam is scheduled for **8:00am-10:00am on Friday, Dec 14 2007**.
[UofA Important Dates and Deadlines](#)
- The classroom is Biological Sciences West, room301
[Map](#)

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And go to "Homework"

Click the link to the homework pdf file

NATS101 section 32 Homeworks

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NATS101: Introduction to Weather and Climate

Homework

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Answer Keys

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NATS101 Section 32 Fall 2007
Homework Assignment #1
Given on Friday, August 24, 2007
Due on or before the class on Friday, August 31, 2007

Write your answers in the answer sheet (last page of file, hard copies available at the library), and turn in
ONLY the answer sheet.
Any other pieces of papers are NOT ACCEPTED.

Read the questions,

Choose the right (one) answer for each question based on Chapter 1:

1. What is the primary source of energy for the earth's atmosphere?

(a) solar energy; (b) lunar energy; (c) volcano energy

2. Among the four most abundant gases in our atmosphere, which one shows the greatest variation from place to place?

(a) Nitrogen, (b) oxygen, (c) argon, (d) water vapor

3. What are the two most abundant greenhouse gases in the earth's atmosphere?

(a) water vapor and CO₂, (b) CO₂ and methane, (c) water vapor and methane

4. What atmosphere layer contains all of our weather?

(a) troposphere, (b) stratosphere, (c) mesosphere, (d) thermosphere.

5. What atmosphere layer do we find the highest concentration of ozone?

(a) troposphere, (b) stratosphere, (c) mesosphere, (d) thermosphere.

6. What atmosphere layer do we find the highest average air temperature?

(a) troposphere, (b) stratosphere, (c) mesosphere, (d) thermosphere.

Write (mark) your answers on
the answer sheet

FIRST NAME	LAST NAME	NAME OF THE ASSIGNMENT
		Homework

- | | | | | | | | | | | | |
|----|---|---|---|---|---|----|---|---|---|---|---|
| 1 | a | b | c | d | e | 11 | a | b | c | d | e |
| 2 | a | b | c | d | e | 12 | a | b | c | d | e |
| 3 | a | b | c | d | e | 13 | a | b | c | d | e |
| 4 | a | b | c | d | e | 14 | a | b | c | d | e |
| 5 | a | b | c | d | e | 15 | a | b | c | d | e |
| 6 | a | b | c | d | e | 16 | a | b | c | d | e |
| 7 | a | b | c | d | e | 17 | a | b | c | d | e |
| 8 | a | b | c | d | e | 18 | a | b | c | d | e |
| 9 | a | b | c | d | e | 19 | a | b | c | d | e |
| 10 | a | b | c | d | e | 20 | a | b | c | d | e |

And turn in ONLY the answer sheet
before or on the due date

Don't forget your name

FIRST NAME	LAST NAME	NAME OF THE ASSIGNMENT
FIRST NAME	LAST NAME	HomeWork # 1

1	a	b	c	d	e	11	a	b	c	d	e
2	a	b	c	d	e	12	a	b	c	d	e
3	a	b	c	d	e	13	a	b	c	d	e
4	a	b	c	d	e	14	a	b	c	d	e
5	a	b	c	d	e	15	a	b	c	d	e
6	a	b	c	d	e	16	a	b	c	d	e
7	a	b	c	d	e	17	a	b	c	d	e
8	a	b	c	d	e	18	a	b	c	d	e
9	a	b	c	d	e	19	a	b	c	d	e
10	a	b	c	d	e	20	a	b	c	d	e

Write the number (chapter) of the homework. "1" for the first homework

Mark your answers clearly